

Title (en)  
A METHOD FOR ADJUSTING A LOOKUP TABLE AND A SYSTEM FOR CONTROLLING AN INJECTOR OF A CYLINDER IN A COMBUSTION ENGINE

Title (de)  
VERFAHREN ZUM EINSTELLEN EINER NACHSCHLAGETABELLE UND SYSTEM ZUM STEuern EINER EINSPRITZVORRICHTUNG EINES ZYLINDERS IN EINEM VERBRENNUNGSMOTOR

Title (fr)  
PROCÉDÉ D'AJUSTEMENT DE TABLE DE CONVERSION ET SYSTÈME DE COMMANDE D'UN INJECTEUR D'UN CYLINDRE DANS UN MOTEUR À COMBUSTION

Publication  
**EP 2013463 A4 20150624 (EN)**

Application  
**EP 07716102 A 20070307**

Priority  
• SE 2007050129 W 20070307  
• SE 0600789 A 20060407

Abstract (en)  
[origin: WO2007117207A1] A method for adjusting a lookup table comprising preset on-time values for an injector (11) of an engine (2) linked to fuel injection quantity values (d). The following steps are executed in a situation when the output shaft of the engine is disconnected from the output shaft of the gearbox: - determining or receiving a torque loss value (T<SUB>loss</SUB>) and a combustion efficiency value (e<SUB>F</SUB>); - calculating, based on the torque loss value and the combustion efficiency value, an actual fuel injection quantity value (d<SUB>actual</SUB>); - determining from said lookup table the on-time value (tg) linked to the actual fuel injection quantity value and comparing this on-time value with the presently applied on-time value (tb) established by the engine control means (20) with the aid of a regulator (22) and said lookup table; and - adjusting the lookup table in dependence on the result of said comparison.

IPC 8 full level  
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Citation (search report)  
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CN110832182A

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**SE 2007050129 W 20070307**; BR PI0709766 A 20070307; CN 200780016398 A 20070307; EP 07716102 A 20070307; JP 2009504156 A 20070307; SE 0600789 A 20060407; US 29617507 A 20070307